PROJECT TITLE : RECONSTITUTED TOBACCO

PERIOD COVERED : JUNE 24th - JULY 25th, 1980

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MONIQUE/RCB

Equipment modification

During the summer shut down from July 14th to August 1st the following modifications are under way :

- Eight membrane pumps will be replaced by Moyno pumps.
- Installation of a separate tank for liquid ammonia. The requested volume per batch is controlled by a level detector.
- The walls will be painted and the ceiling insulated.

Roll coater, rubber roll

On July 7th the rubber roll had to be replaced again. No stripes were observed in the sheet during the week before shut down. We continue to follow up this problem.

Waste water

Until July 4th, 1980 the Monique/RCB waste water was collected in a container of a volume of 5 m^3. An outside contractor took care of the transport by tank truck to the municipal waste water plant of Neuchâtel.
A new, subsoil waste water tank of a volume of 20 m^3 for both ETNA and Monique/RCB was finished. This new tank will be evacuated by the same firm as before.

Monique/RCB-Trials (Ref. 1)

Further trials were conducted according to our sheet quality improvement program (Ref. 2).
From all four trials 100 % cigarettes were made. These cigarettes will be smoked versus 100 % cigarettes of the current production by Panel A on Wednesday, July 30th.

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Nino/RCB-Trials (Ref. 3)

Three trials were carried out for the research department using the additive formula of the current production. The feedstock consisted of 100 % washed stems from the pilot plant and the corresponding extract was added.

- Trial 9 : Extract with Ninomass
- Trial 10 : Not fermented extract
- Trial 11 : Extract without Ninomass

Trial 9 and 11 were a repetition of previous unsuccessful trials (Ref. 4, 5).

Again big problems were encountered and only a few kgs of bad sheet were produced. In spite of serious efforts we were not able to produce any sheet samples during trial 10.

The main problem was the non uniform slurry application to the steelbelt probably due to the lack of binding properties.

References

Ref. 1 : Memo from P. Karbacher to J. P. Caccivio; July 4th, 1980

Ref. 2 : Letter from P. Karbacher to J. P. Caccivio; July 9th, 1980

Ref. 3 : Letter from P. Karbacher to H. Gaisch; July 14th, 1980

Ref. 4 : Monthly report, December 1979, Reconstituted Tobacco II, A. Robbiani.

Ref. 5 : Monthly report, March 1980, Reconstituted Tobacco II, A. Robbiani.

PROCESS DEVELOPMENT

P. Karbacher

July 29th, 1980 KPA/kpa

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